

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018384.D
 Acq On : 19 Mar 2021 13:17
 Operator : SY/VA
 Sample : M1685-07
 Misc : 4.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG493

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 4:13:58 PM

Quant Time: Mar 20 01:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	385727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	91381	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	162358	30.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.00%		
7) Chloroethane-d5	2.891	69	142425	30.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.24%		
10) 1,1-Dichloroethene-d2	4.019	63	184972m	19.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.84%		
20) 2-Butanone-d5	7.073	46	90615	75.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	151.66%#		
24) Chloroform-d	7.646	84	253124	25.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.04%		
26) 1,2-Dichloroethane-d4	8.305	65	158291	27.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.40%		
29) Benzene-d6	8.274	84	498846	31.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	126.44%		
33) 1,2-Dichloropropane-d6	9.274	67	146070	32.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	128.32%#		
37) Toluene-d8	10.323	98	420773	27.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.76%		
38) trans-1,3-Dichloroprop...	10.579	79	58809	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.20%		
39) 2-Hexanone-d5	10.920	63	75204	84.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	168.82%#		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	132784	32.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	130.44%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	85277	26.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.00%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	2647	0.36	ug/L #	1
13) Acetone	4.123	43	16671	19.42	ug/L	96
14) Carbon disulfide	4.385	76	6913	0.47	ug/L #	85
16) Methylene chloride	4.927	84	14013m	2.21	ug/L	
34) Benzene	8.323	78	7592	0.44	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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